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NRO REVIEW COMPLETED

COR-1376
Copy 7 of 7
4 October 1961

MEMORANDUM FOR : Deputy Director (Plans)
THROUGH : Acting Chief, DFD
SUBJECT : CORONA/ANGON Payloads

1. This memorandum is for your information.
2. The following tabulation covers the DISCOVERER Project launch schedule as now known:

<u>Vehicle</u>	<u>Payload</u>	<u>Scheduled Launch Date</u>	<u>Payload Decision Date</u>
1115	C'-56	13 October 1961	Past
1116	C'-22	19 October 1961	Past
1117	C'-24	26 October 1961	6 October 1961
1118	C'-25	2 November (17 Nov.)	27 October 1961
1119	C'-23	6 December 1961	8 November 1961
1120	M	15 January 1962	Uncertain

3. At present LMSC are analyzing the failure of 1113. It appears that lack of data will prohibit unequivocal analysis of that failure. Additional diagnostic instrumentation is being added to AGENAS 1115, 1116 and 1117 which could delay launch past the scheduled launch date, although Lee Battle is holding to schedule date at present.
4. Payload assignments are firm for AGENAS 1115, 1116 and 1117. The assignment on 1117 could have been held until 6 October. Decision between CORONA and ANGON payloads must be made on 27 October for AGENA 1118 and on 8 November for AGENA 1119. Both types of payloads will be held ready.
5. One extra C'- camera is being prepared for flight. Originally it was hoped that this could be done quickly enough to launch in late October while emulsion SO-132 could still be used. LMSC's insistence on extensive rework made this early availability impossible. However this camera has two possible uses:
 - a. As back-up payload for AGENA 1119, if no more ANGON payloads are flown this year.
 - b. To replace the MURAL engineering payload on AGENA 1120 if operational considerations warrant a flight earlier than 15 January or if the MURAL payload is not ready at that time.

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Space Systems Division are very strongly against any disruption of the plan to launch the MURAL engineering payload on AGENA 1120 and report that AGENA 1120 cannot be speeded up. They report also that there is no possibility of launching additional vehicles before next spring by either speed-up in THOR-AGENA deliveries or diversion of vehicles from other programs.

6. In addition to payloads listed previously, two old C cameras exist, one not very reliable; one C''' is being readied for flight; three ARGON cameras remain. One complete ARGON payload will be held ready for possible use until assignments are complete through AGENA 1119.

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